

Received 8/22/85  
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**CRUISE REPORT**  
**R/V ASTERIAS**  
**June 19, 26, 28, 1985**

**Vessel:** R/V ASTERIAS 85-9

**Dates of Operation:** Leg 1 - June 19, 1985  
Leg 2 - June 26, 1985  
Leg 3 - June 28, 1985

**Area of Operation:** Buzzards Bay

<b>Personnel:</b>	John Moody	USGS	Brad Butman	USGS (Leg 1, 3)
	Bill Strahle	USGS	Joe Newell	USGS (Leg 1, 2)
	John Larson	USGS	Cheryl Ann Butman	WHOI (Leg 3)
	Val Wilson	WHOI	Charlotte Fuller	WHOI (Leg 3)

**Narrative:**

**Leg 1: June 19 1985**

298 - BRE  
293 - BBB  
294 - BBC  
295 - BBA  
299 - 8msq v38

0840 EDT Depart WHOI dock.  
0920 Arrive site tripod #294, no surface float and no reply from release at 3 locations.  
1031 Deployed tripod #298 at new location BBE (14178.2, 43961.9) approximately 0.8 miles southeast of BBC. Left upright and disabled.  
1108 Arrived site subsurface mooring #293. Released mooring, but it did not surface.  
1210 Recovered #293 by dragging.  
1253 Mooring #298 on bottom at 14199.4, 43980.8.  
1325 Stopped at tripod #294 to interrogate release - no response.  
1415 Arrived site tripod #295 (Cleveland Ledge - BBA).  
1420 Tripod #295 on deck - "never again in rough seas."  
1520 Arrived WHOI dock.

293 @ 41.33.16  
70.52.18

BBB = 41.33.17  
70.52.22

**Leg 2 June 26, 1985**

BBB: 41.32.00  
70.48.16

BBB = 41.37.91  
70.40.54

BBB = #298  
8mi S. of BBC

0700 EDT Depart WHOI dock.  
0800 Tripod #299 launched and on bottom (14109.8, 43993.8) in 12.0 m (39.5 ft) of water. Test Loran accuracy ~30 m (100 ft).  
0925 Start acoustic search for tripod #294 3.0 nautical miles northeast of original site.  
1100 Set marker buoy on danforth anchor at tripod #294 site for possible underwater search later.  
1352 End acoustic search for tripod #294.  
1440 Arrive WHOI dock.

Leg 3 June 28, 1985

0810 EDT Leave WHOI dock.  
0855 Arrive site tripod #294 marked by Norwegian float.  
0905 Two divers (C. Butman and C. Fuller) in water.  
0940 Diver aboard - tripod located with ease "Loran is great." Danforth anchor on marker buoy was within "50 ft" of cut off tripod recovery line.  
1000 Tripod #294 on deck.  
1100 Arrive WHOI dock.

Tabulated information:

Days at sea:	0.8
Subsurface moorings recovered:	1
Subsurface moorings deployed:	1
Tripods recovered:	2
Tripods deployed:	2